METADATA

The 2007 benthic community map is given in an ArcMap shapefile format and consists of seven associated files:

1. hr20070701qb_eco_Benthic_final_nm.shp
2. hr20070701qb_eco_Benthic_final_nm.dbf
3. hr20070701qb_eco_Benthic_final_nm.prj
4. hr20070701qb_eco_Benthic_final_nm.sbn
5. hr20070701qb_eco_Benthic_final_nm.shx
6. hr20070701qb_eco_Benthic_final_nm.sbx
7. hr20070701qb_eco_Benthic_final_nm.xml

Data in the *.dbf file are in a tabular format where each line corresponds to a one polygon. The columns for each line give all the associated information for the particular polygon.

A description of the column header titles is given by Table 1.

Heading	Heading Info
BenthicCom	Type of benthic community
Source	Person and Organization
Method	Method used to produce this data
Publication	Paper where this data was published

The 14 benthic community types and their description are given in Table 2.

Type	Description
'Al(Ro+LC +DC) outer'	Cover mainly dominated by macroalgae (AL) with minor cover by rock (Ro), live coral (LC), dead coral (DC)
'Al(Ro+Sed)'	Cover mainly dominated by macroalgae (AL) with minor cover by rock (Ro) and sediment (Sed)
'BMA'	Cover dominated by benthic microalgae
'Bommies'	Cover is described as bommies, which is considered a small reef (5-30 m in diameter) that contains coral and algae
'Coral'	Cover dominated by coral (live coral and dead coral combined)
'Deep Reef Structrures '	Cover is described as unidentified bottom types but form distinguishable structures from the surrounding sand and are located in waters deeper than 5 m.
'LC slope branching'	Cover dominated by branching live coral on a slope
'LC(DC)'	Cover mainly dominated by live coral (LC) with minor cover by dead coral (DC)
'LC+RO Slope'	Cover mainly dominated by live coral (LC) and Rock (Ro)
'Land	Land
'Pavement'	Pavement (Flat hard bottom having a low relief)
'RO(LC) crest'	Cover mainly dominated by Rock(RO) with minor cover by live coral (LC) located on reef crest
	Cover mainly dominated by rubble (Ru) and sand

'Ru+Sand'	
'Sand'	Sand